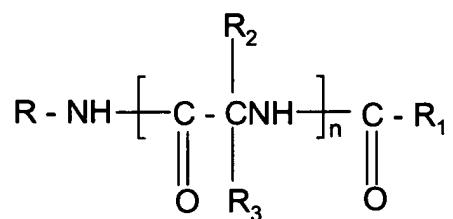


IN THE CLAIMS:

Please amend the Claims as follows:

1-34. (Cancelled)

35. (Currently Amended) A method of treating a patient suffering from bipolar disease comprising administering thereto a therapeutically effective amount of a compound for treating bipolar disease, said compound having the formula:



wherein

R is hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl, aryl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, and R is unsubstituted or is substituted with at least one electron withdrawing group or electron donating group;

~~R₁ is hydrogen or lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, heterocyclic lower alkyl, heterocyclic, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, each unsubstituted or substituted with an electron donating group or an electron withdrawing group; and~~

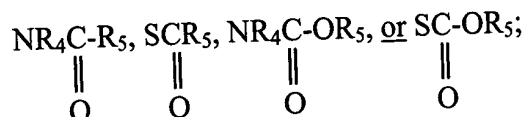
R₂ and R₃ are independently hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, halo, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic,

lower cycloalkyl, lower cycloalkyl lower alkyl, or Z-Y wherein R_2 and R_3 may be unsubstituted or substituted with at least one electron withdrawing group or electron donating group;

Z is O, S, $S(O)_a$, NR_4 , or PR_4 ;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, lower alkynyl, heterocyclic, heterocyclic lower alkyl, and Y may be unsubstituted or substituted with an electron donating group or an electron withdrawing group, or

ZY taken together is $NR_4NR_5R_7$, NR_4OR_5 , ONR_4R_7 , OPR_4R_5 , PR_4OR_5 , SNR_4R_7 , NR_4SR_7 , SPR_4R_5 , or PR_4SR_7 , $NR_4PR_5R_6$, or $PR_4NR_5R_7$,



R_4 , R_5 and R_6 are independently hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, or lower alkynyl, wherein R_4 , R_5 and R_6 may be unsubstituted or substituted with an electron withdrawing group or an electron donating group; and

R_7 is $COOR_8$, COR_8 , hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl or lower alkynyl wherein R_7 may be unsubstituted or substituted with an electron withdrawing group or electron donating group;

R_8 is hydrogen or lower alkyl, or aryl lower alkyl, and the aryl or alkyl group may be unsubstituted or substituted with an electron withdrawing group or an electron donating group; and

n is 1-4; and

a is 1-3.

36. (Original) The method according to Claim 35 wherein one of R₂ and R₃ is hydrogen.

37. (Original) The method according to Claim 35 wherein n is 1.

38. (Original) The method according to Claim 35 wherein one of R₂ and R₃ is hydrogen and n is 1.

39. (Original) The method according to Claim 35 wherein R is aryl lower alkyl and R₁ is lower alkyl.

40. (Currently Amended) The method according to Claim 35 wherein R₂ and R₃ are independently lower alkyl, aryl, aryl lower alkyl ~~aryl lower alkyl~~, heterocyclic, heterocyclic lower alkyl, or ZY;

Z is O, NR₄ or PR₄;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl ~~aryl lower alkyl~~, heterocyclic or heterocyclic lower alkyl; or

ZY taken together is NR₄NR₅R₇, NR₄OR₅, ONR₄R₇, NR₄C-R₅, or NR₄C-OR₅; and

$$\begin{array}{cc} \parallel & \parallel \\ \text{O} & \text{O} \end{array}$$

R₄, R₅ and R₇ are independently hydrogen, lower alkyl, aryl or aryl lower alkyl.

41. (Currently Amended) The method according to Claim 40 wherein R₂ is hydrogen and R₃ is lower alkyl, aryl, aryl lower alkyl ~~aryl lower alkyl~~, heterocyclic, heterocyclic lower alkyl or ZY;

Z is O, NR₄ or PR₄;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl ~~aryl lower alkyl~~, heterocyclic or heterocyclic lower alkyl; or

ZY taken together is $\text{NR}_4\text{NR}_5\text{R}_7$, NR_4OR_5 , ONR_4R_7 , $\text{NR}_4\text{C}(=\text{O})\text{R}_5$, or $\text{NR}_4\text{C}(=\text{O})\text{OR}_5$; and

R_4 , R_5 and R_7 are independently hydrogen, lower alkyl, aryl or aryl lower alkyl.

42. (Original) The method according to Claim 41 wherein

R_2 is hydrogen and R_3 is lower alkyl, which may be unsubstituted or substituted with an electron donating or electron withdrawing group, NR_4OR_5 , or ONR_4R_7 .

43. (Currently Amended) The method according to Claim 41 wherein R_3 is lower alkyl which is unsubstituted or substituted with hydroxy or lower alkoxy ~~loweralkoxy~~, NR_4OR_5 or ONR_4R_7 , wherein R_4 , R_5 and R_7 are independently hydrogen or lower alkyl, R is aryl lower alkyl ~~loweralkyl~~, which aryl group may be unsubstituted or substituted with an electron withdrawing group and R_1 is lower alkyl.

44. (Original) The method according to Claim 41 wherein R_3 is heterocyclic.

45. (Original) The method according to Claim 44 wherein heterocyclic is heteroaromatic.

46. (Original) The method according to Claim 45 wherein R_3 is furyl, pyridyl, thienyl or thiazolyl.

47. (Original) The method according to Claim 43 wherein aryl is phenyl.

48. (Original) The method according to Claim 43 wherein aryl is phenyl and is unsubstituted or substituted with halo.

49. (Currently Amended) The method according to Claim 35 wherein the compound is (R)-N-Benzyl-2-~~acetamide~~ acetamido-3-methoxy- propionamide;

O-methyl-N-acetyl-D-serine-m-fluorobenzylamide;

O-methyl-N-acetyl-D-serine-p-fluorobenzylamide;

N-acetyl-D-phenylglycinebenzylamide;

D-1,2-(N, O-dimethylhydroxylamino)-2-~~acetamide~~ acetamido acetic acid

benzylamide;

D-1,2-(O-methylhydroxylamino)-2-acetamido acetic acid benzylamide.

50-53. (Cancelled)

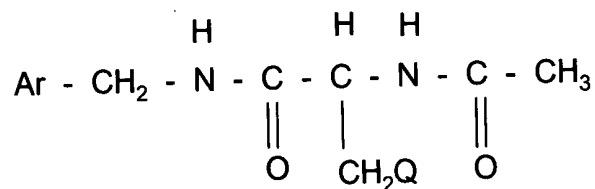
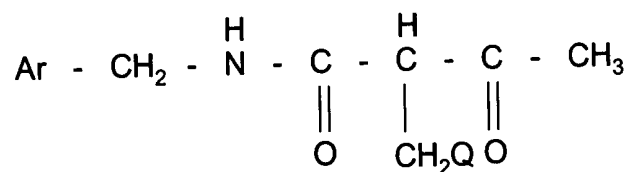
54. (Currently Amended) The method according to Claim ~~50~~ 35 wherein the electron withdrawing group and electron donating group are selected from the group consisting of halo, nitro, carboxy, lower alkenyl, lower alkynyl, formyl, carboxyamido, trifluoromethyl, lower alkoxy carbonyl, hydroxy, lower alkoxy, lower alkyl, amino, lower alkylamino, diloweralkylamino, mercapto, loweralkylthio, and lower alkylthio.

55-56. (Cancelled)

57. (Original) The method according to Claim 35 wherein the carbon atom which is substituted by R₂ and R₃ is in the D configuration.

58-67. (Cancelled)

68. (Currently Amended) The method of Claim 35 wherein the compound is of the formula:



wherein

Ar is aryl which is unsubstituted or substituted with an electron donating or electron withdrawing group, and

Q is lower alkoxy ~~lower alkoxy~~.

69. (Original) The method according to Claim 68 wherein Ar is unsubstituted aryl or aryl substituted with halo.

70. (Original) The method according to Claim 68 wherein Q is methoxy.

71. (Original) The method according to Claim 68 wherein Q is methoxy and Ar is unsubstituted aryl or aryl substituted with halo.

72. (Original) The method according to Claim 68 wherein the carbon atom which is bonded to CH_2Q is in the D configuration.